

Lipids and Lipid Metabolism (including Lipids in Signalling and Recognition) Vol. 1302, 1996



Cumulative contents

		Review	
Regular section		The peroxisome proliferator activated receptors	
Announcement: Subsection of Lipids & Lipid Metabolism	vi	(PPARs) and their effects on lipid metabolism and adipocyte differentiation K. Schoonjans, B. Staels and J. Auwerx (France)	93
Information for Contributors	vii	Regular papers	
Reviews Escherichia coli as a model for the regulation of		Sterol carrier protein-2 expression in mouse L-cell fibroblasts alters cholesterol uptake D. Moncecchi, E.J. Murphy, D.R. Prows and F.	
dissociable (type II) fatty acid biosynthesis C.O. Rock and J.E. Cronan (USA)	1	Schroeder (USA) Effects of human polymorphonuclear leukocyte elas-	110
Lipids and membrane function in green algae G.A. Thompson Jr. (USA)	17	tase upon surfactant proteins in vitro D.F. Liau, N.X. Yin, J. Huang and S.F. Ryan (USA)	117
Regular papers		Lipid composition of the phosphatidylcholine- producing bacterium Hyphomicrobium vulgare	117
Cholesterol esterification is not essential for secretion of lipoprotein components by HepG2 cells A. Graham, J.L. Wood and L.J. Russell (UK) Irreversible inhibition of Ca ²⁺ -independent phospho-	46	NP-160 S.G. Batrakov and D.I. Nikitin (Russia) Pretransition-ripples in bilayers of dipalmitoylphosphatidylcholine: undulation or periodic segments?	129
lipase A ₂ by methyl arachidonyl fluorophosphonate YC. Lio, L.J. Reynolds, J. Balsinde and E.A.		A freeze-fracture study H.W. Meyer (Germany) The oxysterols cholest-5-ene-3 β ,4 α -diol, cholest-5-	138
Dennis (USA) The acylation of lysophosphatidylglycerol in rat heart: evidence for both in vitro and in vivo activities	55	ene-3 β ,4 β -diol and cholestane-3 β ,5 α ,6 α -triol are formed during in vitro oxidation of low density lipoprotein, and are present in human atherosclerotic plaques	
 P. Cheng, V. Dolinsky and G.M. Hatch (Canada) Arbutin inhibits PLA₂ in partially hydrated model systems A.E. Oliver, L.M. Crowe, P.S. De Araujo, E. Fisk 	61	O. Breuer, S. Dzeletovic, E. Lund and U. Dicz- falusy (Sweden) Age-related changes in mRNA, protein and catalytic activity of hepatic neutral cholesterol ester hydro-	145
and J.H. Crowe (USA) Identification of cryptic peanut agglutinin-reactive sites in human lipoprotein(a)	69	lase in male rats: evidence for transcriptional regulation R. Natarajan, S. Ghosh and W.M.L. Grogan (USA)	153
L.T. Lee, W.D. Scheer and J.J. Thompson (USA) Elevation of cyclic AMP in human skin fibroblasts results in increased capacity for HDL binding	79	Common sequence variants of lipoprotein lipase: standardized studies of in vitro expression and catalytic function	
A. Middleton and B. Middleton (UK)	84	H. Zhang, H. Henderson, S.E. Gagne, S.M. Clee, L. Miao, G. Liu and M.R. Hayden (Canada, South	
Regular section		Africa) A novel glycolipid, 1,2-diacyl-3-α-D-glucuronopyra-	159
Announcement: Subsection of Lipids & Lipids Metabolism	iv	nosyl-sn-glycerol taurineamide, from the budding seawater bacterium Hyphomonas jannaschiana S.G. Batrakov, D.I. Nikitin and I.A. Pitryuk (Rus-	
Information for Contributors	\boldsymbol{v}	sia)	16

Mutation of the catalytic site Asp ¹⁷⁷ to Glu ¹⁷⁷ in human pancreatic lipase produces an active lipase with increased sensitivity to proteases <i>M.E. Lowe (USA)</i>	177	Ataxia telangiectasia heterozygotes and patients dis- play increased fluidity and decrease in contents of sulfhydryl groups in red blood cell membranes M. Rybczyńska, A.L. Pawlak, E. Sikorska and R.	231
Regular section		Ignatowicz (Poland) Pancreatic lipase-related protein 2 but not classical pancreatic lipase hydrolyzes galactolipids	231
Announcement: Subsection of Lipids & Lipids Metabolism	iv	L. Andersson, F. Carrière, M.E. Lowe, Å. Nilsson and R. Verger (Sweden, France, USA) Liposomes bearing platelet proteins: a model for	236
Information for Contributors	v	surface functions studies F. Dalençon, V. Rosilio, F. Puisieux, A. Baszkin	
Regular papers		and JL. Wautier (France) Identification of two different lysophosphatidyl-	241
Structural characterization of a novel glycoinosi- tolphospholipid from the parasitic nematode, As- caris suum		choline:acyl-CoA acyltransferases (LAT) in pig spleen with putative distinct topological localiza- tion	
M. Sugita, T. Mizunoma, K. Aoki, J.T. Dulaney, F. Inagaki, M. Suzuki, A. Suzuki, S. Ichikawa, K.		C. Kerkhoff, L. Gehring, K. Habben, K. Resch and V. Kaever (Germany)	249
Kushida, S. Ohta and A. Kurimoto (Japan, USA) Decrease in the expression of hepatic lipase activity	185	Alkylglycerophosphate acetyltransferase and lyso platelet activating factor acetyltransferase, two key	
following partial hepatectomy R. Sabugal, J. Julve, M. Llobera and J. Peinado-		enzymes in the synthesis of platelet activating factor, are found in neuronal nuclei isolated from	
Onsurbe (Spain) Linoleic acid esterified in low density lipoprotein serves as substrate for increased arachidonic acid	193	cerebral cortex R.R. Baker and Hy. Chang (Canada)	257
synthesis in differentiating monocytic cells N. Hrboticky, A. Sellmayer, Y. Yeo, A. Pietsch		Subsection	
and P.C. Weber (Germany, South Korea) An isothermal induction of Δ^9 -desaturase in cultured	199		
carp hepatocytes	207	Rapid report	
A.I. Macartney, P.E. Tiku and A.R. Cossins (UK) Polyprenyl diphosphate synthase essentially defines	207		
the length of the side chain of ubiquinone K. Okada, K. Suzuki, Y. Kamiya, X.F. Zhu, S. Fujisaki, Y. Nishimura, T. Nishino, T. Nakagawa,		α ₁ -Adrenergic stimulation differentially regulates ether-linked diacylglycerols in airway epithelial cells from normal and cystic fibrosis patients	
M. Kawamukai and H. Matsuda (Japan)	217	M. Kester and C.M. Liedtke (USA)	264
Isolation and characterization of recombinant human apolipoprotein C-II expressed in <i>Escherichia coli</i> CS. Wang, D. Downs, A. Dashti and K.W. Jack-		Cumulative Contents, Vol. 1302	27
son (USA)	224	Author Index	27

